

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

BUREAU OF WASTE MANAGEMENT
Highland Building
121 South Highland Avenue
Pittsburgh, Pennsylvania 15206-3988
(412) 665-2900 (answers 24 hrs.)

February 24, 1987

Union Switch & Signal Division
American Standard, Inc.
1789 South Braddock Avenue
Swissvale, PA 15218

Attention: Marcel David Tourdot, Manager
Safety, Security & Environment

RE: Closure Plan For Union Switch &
Signal Division
EPA I.D. No. PAD000001115
Swissvale
Allegheny County

Dear Mr. Tourdot:

The Closure Plan submitted in October, 1985 for the above referenced facility is hereby approved with the following conditions:

1. The mild solvent listed on Page 29 of the Plan in Section 4.1 would be replaced by water containing a detergent for the cleaning of the pad.
2. The rinsate collected after the pressure washing supplemented with scrubbing with a stiff broom will be analyzed as follows:
 - a. The volume of water in the sump will be reported.
 - b. The following parameters will be tested and the analysis methods will be used as specified with the detection limits as specified.

(Reference for the following methods is Publication
EPA-600/4-79-020, except total organic halogens.)

<u>Parameter</u>	<u>Method</u>	<u>Detection Level</u> (Report in tenths of a unit)
pH	150.1 (Electrometric)	
Cyanide	335.21 (Spectrophotometric deter- mination or 335.3 (Colormetric automated, UV)	At least 0.02 mg/l
Cadmium	2.13.1 (Atomic absorbtion - direct aspiration) - A pre- concentration should be used or Method 2.13.2 Atomic absorbtion furnace technique	Less than 0.002 mg/l
Chromium	218.1 (Atomic absorbtion - direct asperation) 218.2 (Atomic absorbtion - furnace) 218.3 (Atomic absorbtion - Chelation, extraction)	Less than 0.01 mg/l
Lead	239.1 (Atomic absorbtion - direct aspiration with sample pre- concentration) 239.2 (Atomic absorbtion - furnace)	Less than 0.01 mg/l
Total Organic Carbon	415.1 (Combustion or oxidation)	If the detection limit is greater than 50 ppm the organic constitu- ents must be characterized.
Total Organic Halogens	EPA SW-846 Method 9020	If the detection limits are greater than 20 ppb the halogenated organic constituents must be characterized.

3. Based on the results of soil analyses previously submitted in your Closure Plan, soil sampling at closure will not be required.

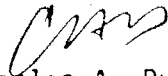
Union Switch & Signal Div.

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I have enclosed copies of the certifications to be used by a professional engineer and owner/operator. If you have any other questions about this approval, please contact John Haluszczyk at this office.

Sincerely,


Charles A. Duritsa
Regional Manager
Bureau of Waste Management
Southwestern Region

CAD/JAH/kld

Enclosures

cc: EPA
Central
Regional
Chron
County
Lenore H. Schupak